



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IPZA60R045P7	<b>Issued</b>	05. April 2021
<b>MA#</b>	MA001913446		
<b>Package</b>	PG-TO247-4-3	<b>Weight*</b>	6294.17 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	13.676	0.22	0.22	2173	2173
leadframe	inorganic material	phosphorus	7723-14-0	1.279	0.02		203	
	non noble metal	iron	7439-89-6	4.263	0.07		677	
	non noble metal	copper	7440-50-8	4,257.756	67.65	67.74	676460	677340
wire	non noble metal	aluminium	7429-90-5	7.866	0.12	0.12	1250	1250
encapsulation	organic material	carbon black	1333-86-4	19.673	0.31		3126	
	plastics	epoxy resin	-	373.794	5.94		59387	
	inorganic material	silicondioxide	60676-86-0	1,573.872	25.01	31.26	250053	312566
leadfinish	non noble metal	tin	7440-31-5	34.164	0.54	0.54	5428	5428
plating	non noble metal	nickel	7440-02-0	1.950	0.03	0.03	310	310
solder	non noble metal	antimony	7440-36-0	0.588	0.01		93	
	noble metal	silver	7440-22-4	1.469	0.02		233	
	non noble metal	tin	7440-31-5	3.820	0.06	0.09	607	933
*deviation	< 10%	Sum in total:				100.00		1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption.

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